IN THE CLAIMS:

1. (Currently Amended) An optical disk reproducing device for reproducing a disk-shaped recording medium on which a recording ~~is~~ has been made ~~with a constant linear velocity~~, comprising:

constant angular velocity (CAV) means for controlling ~~characterized in that control of~~ a spindle motor ~~is accomplished by CAV control during a process from a~~ start of spin-up processing of such a disk-shaped recording medium to a read standby state.

2. (Currently Amended) The optical disk reproducing device according to claim 1, wherein said CAV means for controlling a spindle motor ~~control of said spindle motor is accomplished by CAV control~~ is for controlling the spindle motor ~~during a control processing~~ when ~~said~~ a disk-shaped recording medium rotates at a low speed.

3. (Currently Amended) A method of spin-up processing ~~employed in~~ for reproducing a disk-shaped recording medium on which a recording ~~is~~ has been made, ~~in which control of~~ the method comprising:

controlling a spindle motor ~~is accomplished~~ by constant angular velocity (CAV) control ~~during a process~~ from ~~the~~ start of ~~the~~ spin-up processing to a read standby state~~, said method comprising the steps of:~~;

~~setting the spindle motor to be driven under the CAV control;~~

performing servo adjustment and then acquiring a LEAD-IN final address;

conducting constant linear velocity (CLV) measurement and then setting an angular velocity of a disk-shaped recording medium to be slower than a maximum rotational speed to perform a predetermined processing; and

performing HOLD TRACK.

4. (Currently Amended) The method of spin-up processing according to claim 3, wherein ~~said~~ setting angular velocity of a disk-shaped recording medium to be slower than a maximum rotational speed ~~is a~~ comprises setting angular velocity to be half of the maximum rotational speed.